

DaimlerChrysler AG

Patent claims

- 5 1. A supporting frame structure (2) for a motor
 vehicle (1)
 - with member-type elements (3) and
 - with junction elements (4) connecting the
 member-type elements (3),
10 - at least one of the junction elements (4) being
 designed as a cast-steel element,
 characterized in that at least one of the member-
 type elements (3) is designed as a rolled steel
 profile.
15 2. The supporting frame structure as claimed in claim
 1, characterized in that the member-type elements
 (3) and/or the junction elements (4) are formed
 from high-quality steel.
20 3. The supporting frame structure as claimed in claim
 1 or 2, characterized in that the member-type
 elements (3) and/or the junction elements (4) are
 formed from high-strength steel.
25 4. The supporting frame structure as claimed in one
 of claims 1 to 3, characterized in that the
 member-type elements (3) and/or the junction
 elements (4) have wall thicknesses matched to the
30 load.
 5. The supporting frame structure as claimed in one
 of claims 1 to 4, characterized in that a
 connection of the member-type elements (3) to the
35 junction elements (4) is designed as a mechanical
 joining connection.
 6. The supporting frame structure as claimed in one

of claims 1 to 5, characterized in that a connection of the member-type elements (3) to the junction elements (4) is designed as a fusion welding connection.

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7. The supporting frame structure as claimed in one of claims 1 to 6, characterized in that a connection of the member-type elements (3) to the junction elements (4) is designed as an adhesive connection.

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8. The supporting frame structure as claimed in one of claims 1 to 7, characterized in that a connection of the member-type elements (3) to the junction elements (4) is designed as a brazed connection.

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